

60 inch Telescope Log

Observer: P. Berlin

PI: Kenyon

Spectrograph: FAST

Grating: 300l, 3" slit

Date: 11/27/97

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	* HAPPY THANKSGIVING !! *
11-20	FLAT				6	
21-30	BIAS				0s	UPS for 60"/18" disc
31-40	FLAT				12s	Large transformer
41-46	sky				2s	burned out.
47	COMP				6s	Running on "dirty" power
48-49	CICUTY	19:50	+35	12	1/3, 20s	
50				↑		clearing @ sunset
51-53	HD 192201	20:10	+40	56	4s	
54	COMP			↑		
55-56	BD 284211	21:48	+26:57	56	35s	poor seeing - 2-3"
57	COMP			↑		
58-59	ZAND	23:53	+48:49	12	0.5s, 1/6s	
60	COMP			↑		
61	Ferjello	23:07	-05:26	56	90s	
62	COMP			↑		
63	NT 409	23:08	+04:52	6	2m	
64	COMP	22 36 17	+2 51 29	↑		telescope moved during exp used anyway
65	Mrk 509	20:41	+10:54	6	3m	
66	COMP			↑		
67	Mrk 335	00:03	+19:55	6	3m	
68	COMP			↑		
69	205m 200	00:41	+41:05	57	4m	
70	COMP			↑		
71	V1515 Cyg	20:23	+42:12	12	3m	
72	COMP			↑		
73	V1057 Cyg	20:57	+44:03	12	3m	
74	COMP			↑		
75	S18. 607159	21:36	+04:19	55	3m	
76	COMP			↑		

file 46 is a comp  
NO BIN-BY-2 DARKS FOR THIS NIGHT

60 inch Telescope Log

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Spectrograph: FAST

Grating: 300R

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
77	S18.168036	23:30	+13:59	SS	5m	
78	COMP			↑		poor seeing
79	Z014883	23:13	+25:26	60	3m	
80	COMP			↑		
81	Z001011	23:20	+24:43	60	2m	
82	COMP			↑		
83	Z007906	23:28	+22:09	60	3m	
84	COMP			↑		
85	Z003776	23:40	+29:11	60	3m	
86	COMP			↑		
87	Z014653	23:45	+29:03	60	5m	
88	COMP			↑		
89	Z014826	23:23	+17:30	60	5m	
90	COMP			↑		
91	Z010735	23:32	+14:48	60	7m	bl by Z; sup* to E
92	COMP			↑		extended emission, prior
93	Z014695	23:50	+08:40	60	6m	
94	COMP			↑		
95	Z006657	23:17	+08:09	60	5m	
96	COMP			↑		
97	Z012379	23:26	-01:53	60	3m	
98	COMP			↑		
99	S83.002041	23:51	+03:46	SS	6m	
100	COMP			↑		
101	S83.005769	23:30	+03:59	SS	7m	* to E
102	COMP			↑		
103	S83.006261	23:41	+04:01	SS	4m	
104	COMP			↑		
105	S83.013141	23:38	+04:25	SS	4m	
106	COMP			↑		

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
107	S83.016022	23:40	+04:35	SS	2m	
108	COMP			↑		
109	S83.021152	23:37	+04:52	SS	4m	
110	COMP			↑		
111	S83.021155	23:39	+04:53	SS	4m	
112	COMP			↑		
113	S83.021524	23:43	+04:54	SS	7m	
114	COMP			↑		
115	S83.025352	23:40	+05:07	SS	6m	
116	COMP			↑		
117	S83.027197	23:52	+05:14	SS	7m	wk
118	COMP			↑		
119	S83.031232	23:39	+05:29	SS	6m	
120	COMP			↑		
121	S83.033312	23:48	+05:35	SS	5m	
122	COMP			↑		
123	S83.035346	23:49	+05:43	SS	7m	
124	COMP			↑		
125	S83.037545EW	23:32	+05:50	SS	9m	bin by 2 <sup>50</sup> 2gals
126	COMP			↑		W is wk; both em
127	S83.037647	23:53	+05:50	SS	6m	
128	COMP			↑		
129	S83.041161	23:50	+06:06	SS	6m	
130	COMP			↑		
131	S83.042307N	23:41	+06:10	SS	6m	N
132	S83.042307S	23:41	+06:09	SS	6m	S
133	COMP			↑		
134	S83.043324	23:49	+06:12	SS	7m	
135	COMP			↑		

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PI: Geller

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
136	S83.043830	23:40	+06:14	SS	4m	poor seeing mostly clear
137	COMP			r		
138	S26.059317	00:44	+08:58	SS	9m	em
139	COMP			r		
140	S26.058877	00:46	+09:04	SS	8m	
141	COMP			r		
142	S26.064507	00:49	+09:35	SS	6m	
143	COMP			r		
144	S26.066668	00:57	+09:45	SS	7m	
145	COMP			r		
146	S26.067126	01:02	+09:47	SS	7m	
147	COMP			r		
148	S26.066079	01:06	+09:41	SS	6m	
149	COMP			r		
150	Z-004878	00:40	-00:19	60	5m	
151	COMP			r		
152	A001015	00:50	-01:57	60	4m	emf
153	COMP			r		
154	Z010679	00:55	-01:55	60	4m	
155	COMP			r		seeing improving
156	Z001131	01:12	-01:13	60	90s	
157	COMP			r		
158	Z01551	01:15	+05:10	60	90s	
159	COMP			r		
160	Z044706	01:22	+05:25	60	7m	
161	COMP			r		
162	Z001707	01:28	-01:33	60	90s	
163	COMP			r		
164	Z-006607	01:33	+03:04	60	7m	LSO em
165	COMP			r		

60 inch Telescope Log

Observer: PB

PI: Geller & Andi

Spectrograph: FAST

Grating: 3000

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
166	Z006752	01:26	+17:15	60	4m	
169	COMP			↑		
168-69	AXPer	01:36	+54:15	12	3s, 7s	
170	COMP			↑		
171	srqb119.50	01:59	+07:08	59	12m	wk ; em pix 2396!
172	COMP			↑		
173	119.51	01:59	+08:11	59	12m	
174	COMP			↑		
175	119.52	01:59	+07:01	59	12m	wk em pix 2415? wk
176	COMP			↑		faint gal to W; em 2350
177	119.54	01:59	+06:57	59	10m	em pix 2100; also cosmic
178	COMP			↑		
179	119.58	02:00	+06:25	59	9m	wk ok
180	COMP			↑		Jane runs away
181	119.60	02:01	+06:31	59	4m	
182	COMP			↑		
183	119.62	02:01	+06:27	59	10m	
184	COMP			↑		
185	119.63	02:01	+06:37	59	11m	
186	COMP			↑		
187	119.64	02:01	+06:54	59	11m	wk em pix 2100
188	COMP			↑		
189	Z014633	03:27	+02:36	60	8m	em
190	COMP			↑		
191	Z007794	03:42	+01:05	60	6m	
192	COMP			↑		
193	Z014730	03:54	+06:45	60	5m	
194	COMP			↑		
195	Z012434	04:13	+01:41	60	5m	
196	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Kenny Geller

Spectrograph: EAST

Grating: 300R


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Number	Object	R. A.	Dec.	L/R	Exp	Comments
197	Z014641	04:29	-60:15	60	8m	em
198	COMP			↑		
199	AKn120	05:43	-60	6	3m	poor seeing
200	COMP			↑		
201-202	Hiltner 602	06:42	+02:11	56	50s	
203	COMP			↑		
204-205	DE Tau	04:27	+76:06	12	10s, 10s	
206	COMP			↑		
207-208	DE Tau	04:33	+75:20	12	10s, 10s	
209	COMP			↑		
210-211	DE Tau	04:47	+16:58	12	10s, 90s	
212	COMP			↑		
213-214	FLUORE	05:45	+09:04	12	20s	
215	COMP			↑		
216	N003023	07:09	+40:19	60	12m	+ to E em
217	COMP			↑		
218	N003024	07:11	+39:33	60	9m	em
219	COMP			↑		
220	Z010281	07:21	+46:50	60	8m	100s from 11/25 #119
221	COMP			↑		
222	Z010282	07:33	+49:17	60	6m	Sy 1
223	COMP			↑		
224	Z008349	07:28	+18:24	60	4m	
225	COMP			↑		
226	Z010908	07:41	+02:41	60	7m	em + to E
227	COMP			↑		
228	N00106	07:56	+07:28	60	90s	nice Balmer absorption
229	COMP			↑		
230	N001255	08:01	+05:48	60	6m	
231	COMP			↑		

## 60 inch Telescope Log

Observer: PBPI: Geller & KushnerSpectrograph: FASTGrating: 300RPage: 5827Date: 11/27/97

Number	Object	R. A.	Dec.	L/R	Exp	Comments
232	N000467	08:09	+00:16	60	3m	* to far W left to brighter between sky subtraction
233	COMP			↑		
234	N000685	07:53	+21:02	60	6m	em + cosmetics
235	COMP			↑		
236	Z0001543	07:59	+23:23	60	4m	still poor seeing
237	COMP			↑		clear
238	Z0009886	07:37	+27:02	60	4m	
239	COMP			↑		
240	Z010261	07:46	+26:44	60	7m	em+
241	COMP			↑		
242	Z003612	07:51	+56:54	60	3m	
243	COMP			↑		
244	Z000406	07:30	+79:52	60	4m	large gal  extended em!
245	COMP			↑		
246	SN1997D0	07:26	+47:05	2	20m	bmby 2
247	COMP			↑		
248	Z013676	08:02	+31:11	60	4m	
249	COMP			↑		
250	Z007431	08:13	+76:55	60	4m	
251	COMP			↑		
252	Z000955	08:07	+79:11	60	4m	
253	COMP			↑		
254	Z004677	08:21	+39:15	60	3m	a few mtr cloud forming!
255	COMP			↑		
256	Z005593	08:18	+58:15	60	2m	redo - star
257	COMP			↑		
258	SN1997D0	07:57	+19:33	2	20m	poor seeing - worse than ever
259	COMP			↑		
260	Z003141	08:34	+76:09	60	6m	
261	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5828</u>	
Observer: <u>PB</u>		Grating: <u>300R</u>				
PI: _____		Date: <u>11/27/97</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
<u>262</u>	<u>Z010480</u>	<u>08:50</u>	<u>+65:38</u>	<u>60</u>	<u>6m</u>	<u>extremely cold + windy</u> <u>outside!</u>
<u>263</u>	<u>COMP</u>			<u>T</u>		
<u>264</u>	<u>Z001578</u>	<u>08:54</u>	<u>+57:10</u>	<u>60</u>	<u>6m</u>	<u>big local cloud to N</u>
<u>265</u>	<u>COMP</u>			<u>1</u>		
<u>266-275</u>	<u>BIAS</u>	<u>20"</u>		<u>0</u>	<u>0s</u>	<u>fogged out @ dawn</u>
<u>276-285</u>	<u>FLAT</u>			<u>0</u>	<u>6s</u>	<u>brrrrrr....</u>
<u>286-295</u>	<u>BIAS</u>				<u>0</u>	
<u>296-305</u>	<u>FLAT</u>				<u>12</u>	
<u>306-315</u>	<u>DARK</u>				<u>15m</u>	<u>!</u>